# PRINTER RUSH (PTO ASSISTANCE)



Application:	9/914402	Examiner :	Mano haran	GAU:	1764
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# WATER TREATMENT DEVICE AND METHOD

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#### SPECIFICATION

# BACKGROUND OF THE INVENTION

### 1. Field of the Invention

This present invention relates to a point of use water purification unit designed to continuously and completely purify water at all points of use such as homes, restaurants, hotels, military, sea and field units as well as desalination of sea water at the point of use. The device will remove all chemicals, all microorganisms and replete the water with essential ground minerals.

## 2. General Background of the Invention

Pure water for consumption, use in cooking and to maintain hygiene is a universal need. The purity and safety of water is deteriorating world wide. Tap water is no longer safe in major U.S. and foreign cities. contaminated by microbes, chemicals, heavy metals and in many instances ground water and sewage which gets into the distribution systems which are old and dilapidated. Improvement of municipal water treatment systems will be of little benefit. In line filtration and treatment along the distribution system will also be of little benefit because the distribution systems are old, leaky and in some instances are contaminated by lead joints. Pure water for our cities is a big challenge which will not be soon It is therefore imperative that point of use water purification for all of the water used in the home be the immediate solution.

### SUMMARY OF THE INVENTION

Accordingly, it is an object of this invention to provide a device that will accomplish the function of providing at the point of use a water treatment system that can convert any water into microbe free, chemical free,

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This application is a 371 PCT/US97/11261 filed June 27, 1997, which claims benefit of serial number 60/022015 filed June 27, 1996.